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## Product Datasheet

### Pioglitazone HCl, CAS [[112529-15-4]] FBM-10-1010

Article Name	Pioglitazone HCl, CAS [[112529-15-4]]
Biozol Catalog Number	FBM-10-1010
Supplier Catalog Number	10-1010
Alternative Catalog Number	FBM-10-1010-20MG,FBM-10-1010-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PPARgamma agonist...
Molecular Weight	392.090
Purity	98% by TLC, NMR (conforms)
Form	White solid
CAS Number	[112529-15-4]
Formula	C19H20N2O3S HCl
Application Notes	Pioglitazone is a clinically useful antidiabetic drug. <sup>1</sup> It is a selective agonist of the human peroxisome proliferator-activated receptor 1(PPAR $\gamma$ , EC <sub>50</sub> = 490 nM <sub>2</sub> , 550nM <sub>3</sub> ) with weak agonist activity at PPAR and no activity at PPAR. <sup>2</sup> Inhibits mitochondrial pyruvate metabolism and glucose production in hepatocytes. <sup>4</sup> Suppresses production of inflammatory cytokines and shows antidepressant-like activity in mouse models. <sup>5</sup>